

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on 11 April 2006

Wendy Scott

(Typed or Printed Name of Person Mailing Paper or Fee)

Wendy Scott
(Signature of Person Mailing Paper or Fee)

Attorney Docket No.: SUN-P9324-MEG

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Inventor: Marc Tremblay, et al.
Title: COMMIT INSTRUCTION TO SUPPORT TRANSACTIONAL PROGRAM EXECUTION
Filing Date: 08 August 2003
Serial Number: 10/637,165
Group Art Unit: 2122
Examiner: Lazena Martin

Listed below or on an attached Form PTO-1449 is information known to applicant(s) and submitted pursuant to 37 C.F.R. §1.56. A copy of each listed publication and U.S. and foreign patent, except for pending U.S. applications, is being submitted herewith, along with a concise explanation of information in a foreign language, if any, pursuant to 37 C.F.R. §1.97-1.98.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with MPEP §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

X This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):

- ☐ (1) It is being filed within 3 months of the application filing date
-- OR --
- ☐ (2) It is being filed within 3 months of entry of a national stage
-- OR --
- ☒ (3) It is being filed before the mail date of the first Office Action on the merits.

— 37 C.F.R. §1.97(c). If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; or (3) the mailing date of a first Office action on the merits, but before the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, then:

— a certification as specified in §1.97(e) is provided below; or

— a fee of \$240.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement. Please note that a check in the amount of \$240.00 is enclosed in payment.

— 37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, but before payment of the issue fee, then:

A. a certification as specified in §1.97(e) is completed below; **and**

B. a petition under 37 C.F.R. §1.97(d) requesting consideration of this statement is submitted herewith; **and**

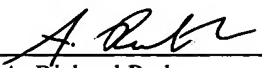
C. a fee of \$130.00 as set forth in §1.17(i)(1) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

— Statement under 37 C.F.R. §1.97(e) - I hereby certify that either: each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the information disclosure statement; or no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign patent application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in section 1.56(c) more than three months prior to the filing of the information disclosure statement.

Signature: _____
A. Richard Park (Reg. No. 41,241)

Date

Respectfully submitted,

By: 
A. Richard Park
Reg. No. 41,241

PARK, VAUGHAN & FLEMING LLP
508 Second Street, Suite 201
Davis, CA 95616
Telephone (530) 759-1661
Facsimile (530) 759-1665
Email: richard@parklegal.com
Date: 11 April 2006



| INFORMATION DISCLOSURE CITATION PTO-1449 | | | | ATTY. DOCKET NO. SUN-P9324 | | APPLICATION NO. 10/637,165 | |
|---|--|---------|-----------------|------------------------------------|----------|-------------------------------|----|
| | | | | APPLICANT Marc Tremblay, et al. | | | |
| | | | | FILING DATE 08 August 2003 | | GROUP ART UNIT 2122 | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER'S INITIALS | PATENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE | |
| | 6,460,124 | 10-2002 | Kagi et al. | 711 | 163 | | |
| | 2002/0087810 | 07-2002 | Boatright et a. | 711 | 145 | | |
| | 2004/0186970 | 09-2004 | Kekre et al. | 711 | 62 | | |
| | 2004/0162948 | 08-2004 | Tremblay et al. | 711 | 137 | | |
| | 2003/066056 | 04-2003 | Petersen et al. | 717 | 137 | | |
| | 6,578,088 | 06-2003 | Singhal et al. | 707 | 8 | | |
| | 6,360,220 | 03-2002 | Forin | 707 | 8 | | |
| | 5,940,827 | 08-1999 | Hapner et al | 707 | 8 | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| EXAMINER'S INITIALS | PATENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
| | | | | | | Yes | No |
| | | | | | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | Publication entitled "Speculation-Based Techniques for Transactional Lock-Free Execution of Lock-Based Programs", by Ravi Rajwar, Online! 2002, XP002286237, Retrieved from the internet: URL: http://bcr.uwaterloo.ca/~brecht/courses/856/readings-new/rajwar02speculationsbased.pdf | | | | | | |
| | Publication entitled "Checkpoint Processing and Recovery: Towards Scalable Large Instruction Window Processors", by Haitham Akkary et al., Proceedings of the 36 th International Symposium on Microarchitecture, 2003, IEEE | | | | | | |
| | Publication entitled "Multiple Reservations and the Oklahoma Update", by Janice M. Stone et al., IEEE Parallel & Distributed Technology, November 1993, Pages 58-71. | | | | | | |
| EXAMINER | | | | DATE CONSIDERED | | | |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | | | | | | |
|---|--|---------|------------------|------------------------------------|----------|-------------------------------|----|
| INFORMATION DISCLOSURE CITATION PTO-1449 | | | | ATTY. DOCKET NO. SUN-P9324 | | APPLICATION NO. 10/637,165 | |
| | | | | APPLICANT Marc Tremblay, et al. | | | |
| | | | | FILING DATE 08 August 2003 | | GROUP ART UNIT 2122 | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER'S INITIALS | PATENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE | |
| | 2003/0079094 | 07-2002 | Rajwar et al. | 711 | 150 | | |
| | 2002/0178349 | 11-2002 | Shibayama et al. | 712 | 235 | | |
| | 6,681,311 | 01-2004 | Gaskins, et al. | 711 | 203 | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| EXAMINER'S INITIALS | PATENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
| | | | | | | Yes | No |
| | | | | | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | Publication entitled "Improving the Throughput of Synchronization by Insertion of Delays", by Ravi Rajwar et al. Proceedings of the Sixth International Symposium on High-Performance Computer Architecture, 8-12 January 2000, Pages 168-179. | | | | | | |
| | Publication entitled "Checkpoint Processing and Recovery: An Efficient, Scalable Alternative to Reorder Buffers" Haitham Akkary et al. IEEE Computer Society, November-December 2003, Pages 11-19. | | | | | | |
| | Publication entitled "Multi-view Memory to Support OS Locking For Transaction Systems", P. Bodorik et al., IEEE, 1997, Pages 309-318. | | | | | | |
| | Publication entitled "Indexing for Multiversion Locking: Alternatives and Performance Evaluation", Paul M. Bober et al, IEEE Transactions on Knowledge and Data Engineering, Vol. 9, No1, January-February 1997, Pages 68-84. | | | | | | |
| | Publication entitled: "Transactional Execution: Toward Reliable, High-Performance Multithreading" by Ravi Rajwar et al. IEEE Computer Society, November-December 2003, Pages 117-125 | | | | | | |
| EXAMINER | | | | DATE CONSIDERED | | | |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SHEET 3 OF 3

| | | | | | | | |
|---|--|---------|-----------------------|------------------------------------|----------|-------------------------------|----|
| INFORMATION DISCLOSURE CITATION PTO-1449 | | | | ATTY. DOCKET NO. SUN-P9324 | | APPLICATION NO. 10/637,165 | |
| | | | | APPLICANT Marc Tremblay, et al. | | | |
| | | | | FILING DATE 08 August 2003 | | GROUP ART UNIT 2122 | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER'S INITIALS | PATENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE | |
| | 6,185,577 | 02-2001 | Nainani et al. | | | | |
| | 6,941,449 | 09-2005 | Ross | 712 | 35 | | |
| | 6,021,480 | 03-2002 | Petty | 711 | 201 | | |
| | 6,918,012 | 07-2005 | Venkitakrishnan et al | 711 | 150 | | |
| | 5,701,432 | 12-1997 | Wong et al. | 711 | 130 | | |
| | 5,974,438 | 10-1999 | Neufeld | 718 | 104 | | |
| | 5,428,761 | 06-1995 | Herlihy et al. | 711 | 130 | | |
| | 5,835,764 | 11-1998 | Platt et al. | 718 | 101 | | |
| | 5,742,785 | 04-1998 | Stone et al. | 712 | 217 | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| EXAMINER'S INITIALS | PATENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
| | | | | | | Yes | No |
| | | | | | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | "Structured Computer Organization" by Andrew S. Tanenbaum, Published 1999, pages 5, 7-8 | | | | | | |
| | "The Transaction Concept: Virtues and Limitations" by Jim Gray. Pro. Int'l Conf. Very Large Databases, Morgan Kaufman, 1981. pages 144-154 | | | | | | |
| | "Toward Efficient and Robust Software Speculative Parallelization on Multiprocessors" by Marcelo Cintra and Diego R. Lianos, PPoPP' 03 June 11-13, 2003 ACM 1-58113-588-2/03/0006 pages 13-24. | | | | | | |
| | "Microsoft Computer Dictionary" Fifth Edition, pub 2002, page 378 | | | | | | |
| | | | | | | | |
| EXAMINER | | | | DATE CONSIDERED | | | |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.